International Journal of Conceptual Structures and Smart Applications

January-June 2014, Vol. 2, No. 1

Table of Contents

EDITORIAL PREFACE

iv Editorial Preface

Simon Polovina, Sheffield Hallam University, Sheffield, UK Simon Andrews, Sheffield Hallam University, Sheffield, UK

RESEARCH ARTICLES

Understanding and Modeling Context in Data Integration

William T. Sabados, The University of Alabama in Huntsville, Huntsville, AL, USA Harry S. Delugach, The University of Alabama in Huntsville, Huntsville, AL, USA

18 An Enterprise Ontology Based Conceptual Modeling Grammar for Representing Value Chain and Supply Chain Scripts

Wim Laurier, Université Saint-Louis, Brussels, Belgium Geert Poels, Ghent University, Ghent, Belgium

36 Implementation of JDL Model for Multidimensional Measurements Processing in the Environment of Intelligent GIS

Alexander Vodyaho, Saint-Petersburg State Electrotechnical University, Saint-Petersburg, Russia
Nataly Zhukova, Saint-Petersburg Institute for Informatics and Automation of the Russian Academy of Sciences,
Saint-Petersburg, Russia

57 On the Computational Character of Semantic Structures

Prakash Mondal, Indian Institute of Technology Delhi, New Delhi, India

68 Visualising Inconsistency and Incompleteness in RDF Gene Expression Data using FCA

Honour Chika Nwagwu, Sheffield Hallam University, Sheffield, UK

Copyright

The International Journal of Conceptual Structures and Smart Applications (IJCSSA) (ISSN 2166-7292; eISSN 2166-7306), Copyright © 2014 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The International Journal of Conceptual Structures and Smart Applications is indexed or listed in the following: Cabell's Directories; MediaFinder; The Standard Periodical Directory; Ulrich's Periodicals Directory